



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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ILLINOIS, South

ILZ075>078-080>094 **Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac**

09	0900CST	0	0	3K	Wind
	1400CST				

Minor property damage was caused by strong west winds around the back side of an intense low pressure system. Winds gusted to around 45 MPH for several hours. Some exact wind measurements from automated observing sites included: 45 MPH at Harrisburg and Mount Vernon, and 42 MPH at Carbondale. Just west of Pinckneyville, gusts to 48 MPH occurred. A couple of power lines were blown down in Carmi.

ILZ081-084 **Franklin - Jackson**

10	0900CST	0	0	Flood
31	2359CST			

The Big Muddy River rose above flood stage at Murphysboro on March 10 and remained there through the end of the month. At Plumfield, flood stage was exceeded from the 20th through month's end. The river was never more than about two feet over flood stage at Plumfield. At Murphysboro, the first crest on March 14 was about four feet above flood stage. The second crest on March 28 was about 8 feet over the 16-foot flood stage. Flooding was minor, affecting mainly undeveloped low-lying areas

ILZ087-090>094 **Gallatin - Pope - Hardin - Alexander - Pulaski - Massac**

20	1300CST	0	0	3K	Flood
31	2359CST				

The Ohio River rose above flood stage at most locations along the Illinois shore on March 20th or 21st. At Shawneetown, where flood stage is 33 feet, the river crested at 43.70 feet on the morning of the 29th. At Golconda, where flood stage is 40 feet, the river crested at 44.12 feet on the 28th. Crests at Brookport, Grand Chain, and Cairo were all 7 to 8 feet above flood stage on the 26th and 27th. The impact of this flooding was minor to moderate. Several county roads were closed near Shawneetown. Water reached the power house at Lock and Dam 53 near Grand Chain. Low-lying agricultural bottomlands were flooded, but planting season had not yet begun.

ILZ083 **White**

20	1800CST	0	0	Flood
31	2359CST			

The Little Wabash River rose above flood stage at Carmi on March 20 and remained there through month's end. The crest on March 27 was about two feet over the 27-foot flood stage. Flooding was confined mainly to low-lying rural areas and bottomlands. A few county roads were inundated, and oil wells in flood-prone areas along the river were shut down.

Wayne County
1 W Wayne City

29	1139CST	0	0	Hail(0.88)
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Wayne County
1 SE Barnhill

29	1204CST	0	0	Hail(1.00)
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Nickel size hail was reported near Wayne City. Quarter size hail was reported at the intersection of Interstate 64 and U.S. Highway 45.

Hamilton County
Aden

29	1210CST	0	0	Hail(0.88)
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White County
Centerville

29	1215CST	0	0	3K	Thunderstorm Wind (G50)
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Two power poles were blown down.



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INDIANA, Southwest

INZ081>082-085>088 Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer

09	0900CST		0	0	6K	Wind
16	1400CST					

Minor property damage was caused by strong west winds around the back side of an intense low pressure system. Winds gusted to around 50 MPH for several hours. Some exact wind measurements from automated observing sites included: 47 MPH at Evansville, 58 MPH just east of Winslow, and 56 MPH just north of Princeton. Power lines were blown down in Winslow, and a couple of trees were toppled in Poseyville.

Pike County
2 E Cato to
Winslow

15	2245CST		0	0		Flash Flood
16	0200CST					

Route 56 was barricaded between Otwell and Cato due to flooding. A road in Winslow was flooded.

INZ085>088

Posey - Vanderburgh - Warrick - Spencer

21	1400CST		0	0		Flood
31	2359CST					

The Ohio River rose above flood stage on the 21st at Newburgh Lock, on the 22nd at Mount Vernon, and on the 26th at Evansville. The river crested about 7 feet above flood stage at Newburgh and Mount Vernon. At Evansville, where the flood stage is relatively high, the crest was less than an inch above flood stage. At Newburgh, minor flooding occurred, affecting mainly agricultural land. Near Mount Vernon, farm land and some roads were flooded in places southwest and west of town. The river began to recede by the end of the month.

Posey County
3 W Poseyville

29	1240CST		0	0	4K	Thunderstorm Wind (G52)
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A barn roof was blown off. Power lines were down.

Gibson County
St James

29	1245CST		0	0		Hail(0.75)
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Vanderburgh County
Stacer

29	1245CST		0	0		Hail(0.75)
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Dime size hail fell at Interstate 64 and U.S. Highway 41.

Vanderburgh County
Darmstadt

29	1245CST		0	0	5K	Thunderstorm Wind (G65)
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Thunderstorm winds blew down a large barn. A tree was blown onto a house. In the same area, some siding was blown off a house.

Warrick County
Lynnville

29	1255CST		0	0		Hail(1.50)
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Spencer County
St Meinrad to
Santa Claus

29	1320CST		0	0	10K	Thunderstorm Wind (G55)
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At St. Meinrad, the roof was blown off a turkey house, and some farm buildings were damaged. Trees were blown down in Santa Claus, and the tops were broken off street lights.

Spencer County
Dale to
Gentryville

29	1321CST		0	0		Hail(0.88)
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Nickel size hail was reported in Dale. Dime size hail fell at Gentryville

KENTUCKY, Southwest

KYZ001>022

Fulton - Hickman - Carlisle - Ballard - Mcracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd

09	0700CST		0	0	4K	Wind
	1400CST					



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					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

Strong west winds gusted from 40 to 50 MPH for several hours around the back side of an intense low pressure system. Some exact wind measurements from automated observing sites included: 42 MPH at Paducah, 40 MPH at Owensboro, and 47 MPH at Henderson. Observers at Fort Campbell near Hopkinsville reported a gust to 50 MPH. The strong winds caused some damage to power lines, especially in the Owensboro area. About 1,000 customers were without power when wind damaged lines along Kentucky 1389. In Owensboro, an antenna and a tree limb were down at a couple of residences. On the Ohio River near Owensboro, a fishing tournament was stopped by the dangerous winds and waves. One boat sank and several fishermen were stranded on an island. Coast Guard and other emergency personnel rescued boaters, and there were no injuries.

KYZ020>021

McLean - Muhlenberg

20 0400CST
31 2359CST

0

0

Flood

The Green River rose above flood stage at Paradise on March 20, and at Calhoun on March 22. The crest was about 8 feet above flood stage at Paradise and about 4 feet above flood stage at Calhoun. Moderate flooding occurred near Calhoun, with thousands of acres flooded in the Island, Rumsey, and Jewel City areas. Planting season had not yet begun, so there was little or no crop damage.

Christian County

3 SW Hopkinsville

20 1030CST
1600CST

0

0

Flash Flood

The Little River rose out of its banks, flooding Little River Church Road.

KYZ004>005-007-010-014-018>019 Ballard - Mcracken - Livingston - Crittenden - Union - Henderson - Daviess

22 1900CST
31 2359CST

0

0

Flood

The Ohio River rose above flood stage on the 22nd and 23rd at most locations along the western Kentucky shore. At J.T. Meyers Lock near Uniontown, the river crested at 43.57 feet on March 28. Flood stage there is 37 feet. At Smithland, the crest was just over two feet above flood stage on March 26. Paducah crested almost five feet above its 39-foot flood stage on March 26. Along the entire shore, flooding was minor to moderate, affecting mainly bottomland and surrounding low-lying areas.

Ballard County

Lovellaceville

25 2100CST
2300CST

0

0

Flash Flood

McCracken County

Lone Oak

25 2100CST
2300CST

0

0

Flash Flood

Livingston County

Countywide

25 2350CST
26 0300CST

0

0

Flash Flood

A large area of showers and thunderstorms persisted for several hours, producing hourly rainfall rates around one half inch per hour over saturated ground. Rainfall totals were around 3 inches. A vehicle accident near Paducah involved one car which overturned into a drainage ditch. The driver was partially submerged for an extended period of time, and was rescued shortly before floodwaters would have drowned him. Champion Creek in McCracken County flooded two roads, a state road and a county road. The county road was closed. A couple of intersections in the city of Paducah were flooded and were closed. In Ballard County, Mayfield Creek overflowed onto U.S. Highway 62 near Lovellaceville. In Livingston County, Highway 133 near Salem was barricaded due to 18 inches of water.

Ballard County

La Center

29 1556CST

0

0

Hail(0.75)

McCracken County

**(Pah)Barkley Arpt Pa to
Paducah**

29 1557CST
1609CST

0

0

Hail(0.75)



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KENTUCKY, Southwest

A severe thunderstorm produced a swath of marble to dime size hail across the Paducah area. Dime size hail was observed at the Paducah National Weather Service office and near downtown Paducah.

Carlisle County Bardwell	29	1608CST			0	0			Hail(0.75)
Marshall County 1 N Sharpe to 1 W Draffenville	29	1635CST 1650CST			0	0			Hail(0.88)
Nickel size hail was reported near the 19-mile marker on Interstate 24. Dime size hail fell near Draffenville									
Fulton County Hickman	29	1638CST			0	0			Hail(0.75)
Graves County Pryorsburg to Wingo	29	1650CST			0	0			Hail(0.75)
Calloway County 2 W Lynn Grove to Stella	29	1711CST 1713CST			0	0			Hail(0.75)
Trigg County 4 NW Cadiz	29	1729CST			0	0	2K		Thunderstorm Wind (G50)
A tree was down, and a tree limb broke a window on a house.									
Christian County Howell	29	1815CST			0	0	2K		Thunderstorm Wind (G50)
Wind blew the roof off a barn and carried it 1000 feet. The sides of the barn were also damaged.									
Todd County Guthrie	29	1823CST			0	0			Hail(1.75)
Todd County Guthrie	29	1823CST			0	0			Thunderstorm Wind (G50)
Large tree limbs were blown down.									

MISSOURI, Southeast

MOZ076-086>087-100-107>112-114	Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid								
	09	0700CST 1400CST			0	0			Wind
Strong west winds around the back side of an intense low pressure system gusted to around 45 MPH for several hours. Some exact wind measurements from automated observing sites included: 40 MPH just west of Perryville, 46 MPH at Cape Girardeau, and 44 MPH at Poplar Bluff.									
MOZ100	Wayne								
	09	1800CST			0	0			Flood
	10	2000CST							
The St. Francis River was above flood stage at Patterson on March 9 and 10. The river crested at 19.09 feet around 3 A.M. on March 10, about 3 feet over flood stage. Minor flooding of low-lying areas occurred, mostly rural and agricultural bottomlands.									
Stoddard County 1 SW Dexter to Dexter	15	2003CST 2008CST			0	0			Hail(1.25)



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MISSOURI, Southeast

Dime to half-dollar size hail fell in Dexter for several minutes.

MOZ100

Wayne

20	0900CST	0	0						Flood
	2000CST								

The St. Francis River was above flood stage for a while on March 20. The crest was only about 6 inches above the 16-foot flood stage, which caused only minor flooding of low-lying rural areas.

Butler County Countywide

25	1630CST	0	0	25K					Flash Flood
	2200CST								

Stoddard County Countywide

25	1730CST	0	0	10K					Flash Flood
	2200CST								

Bollinger County Countywide

25	1800CST	0	0						Flash Flood
	2200CST								

Cape Girardeau County Whitewater

25	1900CST	0	0						Flash Flood
	2200CST								

Perry County Countywide

25	1900CST	0	0						Flash Flood
	2200CST								

Ripley County Countywide

25	1900CST	0	0						Flash Flood
	2200CST								

Scott County Countywide

25	1900CST	0	0	10K					Flash Flood
	2200CST								

A large area of slow-moving showers and thunderstorms persisted for an extended period of time, producing up to an inch of rain per hour. Rainfall totals were around 3 inches on average, with locally higher amounts. In Butler County, two houses and one outbuilding had water in them. A low water crossing on a rural road was impassable, and several other roads were flooded with up to 4 feet of water. Vehicle rescues were conducted in Butler County, and Highway 142 in Neelyville was closed. In Bollinger County, low water crossings on secondary roads were impassable. In Stoddard County, some washouts were reported on gravel roads, and numerous secondary roads had water over them. In Ripley County, Highway 142 at Naylor was completely flooded, and a couple of rural roads were underwater. In Scott County, numerous roads were flooded, and water was over at least one bridge. Low water crossings in Perry County had water in them.

MOZ114

New Madrid

27	0900CST	0	0						Flood
29	1400CST								

The Mississippi River rose above flood stage at New Madrid on March 27 and crested about one half foot above flood stage the next day. Minor flooding of mainly agricultural low-lying bottomlands occurred.

New Madrid County New Madrid

29	1630CST	0	0						Hail(0.75)
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